

Converting Colors

Hex(44315B)

Have a look what the booklet for
Hex(44315B) contains.

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Color

Hex(44315B)

Conversions

Conversions Part 1

Format	Color
Hex	44315B
RGB	68, 49, 91
RGB Percent	27%, 19%, 36%
CMY	0.7333, 0.8078, 0.6431
CMYK	0.25, 0.46, 0.00, 0.64
HSL	267°, 30%, 27%
HSV	267°, 46%, 36%
XYZ	5.3705, 4.1809, 10.4215
YIQ	59.4690, -2.1580, 17.0900

Conversions

Conversions Part 2

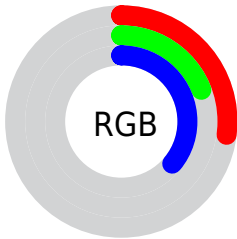
Format	Color
RYB	68, 49, 91
Decimal	4469083
CIELab	24.26, 18.33, -22.07
CIELCh	24, 28.688, 309.707
Yxy	4.1809, 0.2689, 0.2093
Android (android.graphics.Color)	4282659163 (0xFF44315B)
YUV	59.4690, 15.5448, 7.4817
Hunter-Lab	20.4472, 11.1009, -15.9056

Details

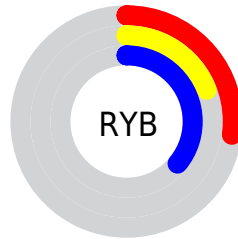
The Hex color **44315B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **485B31**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **75608D**, and **18042D** is the 20% darker color. If you saturate the color by 10%, you get **3F285B**, and if you desaturate by 10%, it is **493A5B**.

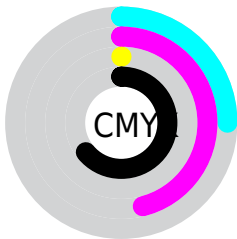
Distribution



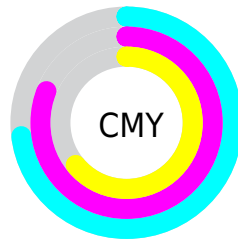
- Red (27%)
- Green (19%)
- Blue (36%)



- Red (27%)
- Yellow (19%)
- Blue (36%)



- Cyan (25%)
- Magenta (46%)
- Yellow (0%)
- Black (64%)



- Cyan (73%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44315B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 44315B by changing the saturation by 10% instead.

■ 44315B

■ 44315B

FFFFFF

■ 2D1C43

■ 75608D

■ 18042D

■ 8F78A8

■ 000118

■ AA92C3

■ 000000

■ C5ADDF

■ E2C8FC

■ FEE4FF

■ 44315B

■ 44315B

■ 3F285B

■ 493A5B

■ 3A1F5B

■ 4E435B

■ 35165B

■ 534C5B

■ 300D5B

■ 58555B

■ 2B035B

■ 5D5F5B

■ 29005B

■ 62685B

■ 67715B

■ 6C7A5B

■ 71835B

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



1D3A64



44315B



592949

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44315B



513310



004440

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



44315B



485B31

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00432A



44315B



3F3B0C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



44315B



5E2B1F



274017



004355

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44315B



60263B



274017



004439

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



44315B



6C6575



31485B



35313B



BABABA



3B3B3B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44315B



523575



59315B



2B292E



32006E



6B00ED

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



5B3148



753558



335B31



2E292C



6E003C



ED0082

Previews

White Background



This preview shows how the Hex color 44315B looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

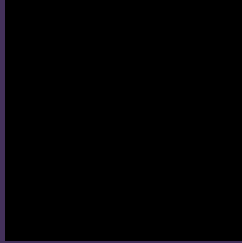
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 44315B Background



This preview shows how black text looks on a background with the Hex color 44315B.



This preview shows how white text looks on a background with the Hex color 44315B.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
44315B

Protanopia
283962

Deuteranopia
2A3A59



Tritanopia
3F383C

Trichromacy



Original Color
44315B

Protanomaly
32365F

Deuteranomaly
33375A

Tritanomaly
413547

Monochromacy



Original Color
44315B

Achromatopsia
3B3B3B

Achromatomaly
3E3747

CSS Examples

Text

The CSS property to change the color of the text to Hex 44315B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #44315B looks like.

```
.text, #text, p{  
    color:#44315B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #44315B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44315B
}
```

Border

The CSS property to change the border of an element to Hex 44315B is called "border". The border property can be set on classes, ids or directly on the HTML element.

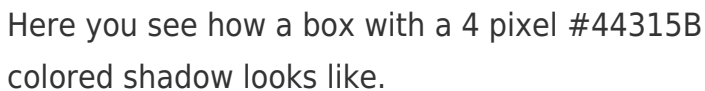
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#44315B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#44315B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #44315B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44315B; -webkit-box-shadow:4px 4px  
4px 4px #44315B; box-shadow:4px 4px 4px  
4px #44315B }
```

Background

The CSS property to change the background color of an element to Hex 44315B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44315B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#44315B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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